VIVID™

UV-A LED Replacement Bulbs

BLE-LED-100 & BLE-LED-150

Convert your mercury vapor HID lamp to modern LED technology.

VIVID™

BLE-LED-100

BLE-LED-150

INCLUDES BULB EXTENDER* for BIB-150P lamps

VIVID™ CAN ALSO BE USED IN CUSTOM LAMP FIXTURES THAT INCLUDE ENCLOSURES

LONGEVITY
Rated life is 10x longer than a mercury vapor HID bulb (with typical use)

ECONOMICAL
4 year Return on Investment (with typical use)

INSTANT-ON OPERATION
No wait time to get to full intensity

SAFER
Over 50% cooler! 225°F vs. 109°F (HID) vs. (LED)

ENVIRONMENTAL
Less environmental waste with fewer bulbs and energy efficient

LOWER LABOR COSTS
Eliminates down-time

SAFER
Over 50% cooler!

VIVID™ Beam Profile

HID LAMP Beam Profile

VERY SMALL HOT SPOT

DIFFUSED LIGHT

LARGE AREA USABLE INTENSITY

UNIFORM, BRIGHT BEAM

SEE HOW THE VIVID™ COMPARES

The average lifespan of a mercury-vapor bulb when used in NDT inspection is 5,000 hours.

Upgrade to the VIVID™ and reap the benefits of LEDs that last 50,000 hours (based on average use).

*129585

SB-100P

INNOVATING FOR TODAY  Imagining for Tomorrow

SB-100P
VIVID™ LED BULB MERCURY BULB COMPARISON

**VIVID™ -VS- MERCURY BULB COMPARISON**

**DISTRIBUTED BY**

**NDT**

**PRINTED IN U.S.A.**

**VIVID™ LED BULB**

**WITHOUT BLACK LIGHT FILTER**
Surface Contour Profile at 15 in (38 cm)

**WITH BLACK LIGHT FILTER**
Surface Contour Profile at 15 in (38 cm)

**MERcerY BULB**

**WITH BLACK LIGHT FILTER**
Surface Contour Profile at 15 in (38 cm)

Meets standard wavelength and output specifications

**VIVID™ LED BULB**

**WITHOUT BLACK LIGHT FILTER**

**WITH BLACK LIGHT FILTER**

**MERcerY BULB**

**WITH BLACK LIGHT FILTER**

Top Intensity Profile at 15 in (38 cm)

**TOP Intensity Profile at 15 in (38 cm)**

**TOP Intensity Profile at 15 in (38 cm)**

**TOP Intensity Profile at 15 in (38 cm)**

Works seamlessly in conjunction with the following Spectroline® HID lamps, saving you both time and money on bulb changes:

<table>
<thead>
<tr>
<th>LAMP</th>
<th>CURRENT BULB TYPE</th>
<th>REPLACEMENT VIVID BULB</th>
</tr>
</thead>
<tbody>
<tr>
<td>SB-100P Series</td>
<td>100S/M HID Bulb</td>
<td>BLE-LED-100</td>
</tr>
<tr>
<td>FC-100 Series</td>
<td>100S/M HID Bulb</td>
<td>BLE-LED-100</td>
</tr>
<tr>
<td>BIB-150P Series</td>
<td>BLE-150CS-115/M</td>
<td>BLE-LED-150</td>
</tr>
<tr>
<td></td>
<td>BLE-150BS-115/M</td>
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<tr>
<td></td>
<td>BLE-150CS-100/M</td>
<td></td>
</tr>
</tbody>
</table>

**COMES WITH PATENTED BULB-SAVER™**

KEEPS BULB UPRIGHT IN HOUSING AND MAINTAINS ALIGNMENT THROUGH USAGE, INCREASING LONGEVITY.

**DISTRIBUTED BY**

**SPECTRONICS CORPORATION**

www.spectroline.com

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